

Pest Management Enhancements

Conservation Security Program

Name _____

Documentation for Year _____



Photo courtesy of NRCS

Pest Management Enhancement Activities

All pest management activities will at a minimum meet the NRCS Pennsylvania Quality Criteria for water quality, pesticides. Records of field by field applications that include the form, timing of application, and method of application will be kept. These records should be available as documentation of continuing to meet the minimum water quality criteria for CSP.

For each year of the CSP Contract a completed copy of this Job Sheet should and other required documentation should be submitted to the Natural Resources Conservation Service by the CSP Participant to document completion of all enhancement activities indicated below. The certification statement at the end of this Job Sheet should also be signed and dated by the CSP Participant.

Enhancement Activity Benefits

Enhancement activities associated with Pest Management such as implementing an IPM plan or substituting non-chemical methods of controlling pests can result in the following benefits to the producer and the environment:

- Reduced risks to beneficial insects (e.g., honeybees, parasitic wasps, lady beetles, etc.)
- Reduced risks to ground and surface water quality
- Lower costs by limiting chemical applications to only when necessary

I agree that the following information will be provided to NRCS upon request:

- Written documentation of the activity performed.
- Copies of dated receipts for equipment or services purchased.

Products are specifically selected, utilized, and applied to reduce pesticide runoff and leaching potential. (Low Risk Pesticides)

List Pesticides used and describe how the potential for runoff and leaching was reduced. (attach additional information)

Utilize a combination of biological, cultural, and/or mechanical control methods (including Organic Certified Systems) to control pests.

100% of insect pests are managed using low risk non-chemical biological controls such as predator insects, mating disruptors, pheromone traps or “baits” or mechanical methods such as physical barriers, pruning, trapping, etc., to manage insect pests.

Implement a Certified Organic Production System to limit the risk of pesticides in the environment.

Organic Certification # _____

Crop Grown	Tract & Field #s	Acres	Target Pest	Control Method Used	Date
Broccoli	T123 Field 2	40	flea beetle	Trap crop of giant mustard around perimeter of field	3/04
Broccoli	T123 Field 2	40	flea beetle	Release of predator <i>Microctonus vittatae</i> (wasp)	4/04

Rotate at least 2 different crops in a 3 year time frame to break pest cycles.

Use a crop rotation that grows a minimum of 2 different crops in 3 years to break insect and disease cycles. The rotation will result in the need for less pesticide to be applied.

Number of acres with a crop rotation that meets the above description: _____.

Manage and control invasive species using mechanical and/or chemical treatments on pasture

See the Noxious Weeds and Invasive Plants Lists for examples of Invasive Species.

Pasture Field	Invasive Species	Control Method	Date
PA	Multi floral Rose Example	Clipping	March 15

Spot spray or spot treat weeds to limit the amount of herbicides used.

Spot treating weeds limits the amount of herbicides used. Describe your spot treatment efforts below.

Use "High Intensity" Integrated Pest Management (IPM) that focuses on pest prevention and avoidance. (Rate varies by crop type.)

Pest Management Activities should be planned. This plan must include strategies to address at least 3 of the following:

- Field scouting (times, dates, method)
- Field insect population sampling, Soil or plant tissue sampling
- Insect phenology/degree day modeling
- Pest and disease management (Biological control, Pest and disease resistant varieties used, Crop rotations, Field sanitation)
- Pesticide selection and strategies to reduce amount of pesticides applied
- Pesticide storage, application safety
- Evaluation procedures

Briefly describe how and when you have implemented this plan and your evaluation of its effectiveness:

Documentation of the above activities may also be requested to verify implementation.

Use Mulch to reduce pesticide applications on vegetable crops

Crop	Type of Mulch	Acres

Certification

I certify that I have installed/performed the enhancements as indicated on all applicable tables above and as indicated by the supporting documentation.

Name: _____ **Date:** _____

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